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THIRTY-SEVENTH ANNUAL REPORT

OF

THE TRUSTEES

OF THE

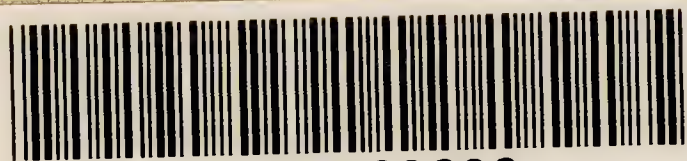
NORTHAMPTON LUNATIC HOSPITAL,

FOR THE

YEAR ENDING SEPTEMBER 30, 1892.

BOSTON :
WRIGHT & POTTER PRINTING CO., STATE PRINTERS,
18 POST OFFICE SQUARE.
1893.

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OFFICERS

OF THE

NORTHAMPTON LUNATIC HOSPITAL.

TRUSTEES.

HENRY W. TAFT, Esq.,	PITTSFIELD.
LYMAN D. JAMES, Esq.,	WILLIAMSBURG.
HON. ELISHA MORGAN,	SPRINGFIELD.
HON. ALVAN BARRUS,	GOSHEN.
MRS. SARAH A. WOODWORTH,	CHICOPEE.
MRS. SARAH M. BUTLER,	NORTHAMPTON.
ADAMS C. DEANE, M.D.,	GREENFIELD.

RESIDENT OFFICERS.

EDWARD B. NIMS, M.D.,	.	.	.	.	.	.	<i>Superintendent.</i>
JOHN A. HOUSTON, M.D.,	.	.	.	.	.	.	<i>Assistant Physieian.</i>
CHARLES M. HOLMES, M.D.,	.	.	.	.	.	.	<i>Assistant Physician.</i>
JANE R. BAKER, M.D.,	.	.	.	.	.	.	<i>Female Physician.</i>
LEWIS F. BABBITT,	.	.	.	.	.	.	<i>Clerk.</i>
JOHN MERCIER,	.	.	.	.	.	.	<i>Farmer.</i>
DANFORD MORSE,	.	.	.	.	.	.	<i>Engineer.</i>

TREASURER.

EDWARD B. NIMS, NORTHAMPTON.
Office at the Hospital.

SUBORDINATE OFFICERS.

[illegible]

Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor of the Commonwealth and the Honorable Council.

The thirty-seventh annual report of the Northampton Lunatic Hospital gives the more important results and changes for the year 1891-92. The numerous improvements which have been made and the increase in the number of admissions indicate that the work of the hospital becomes more exacting and complicated, and that the institution is becoming more of a hospital and less of an asylum.

The number of patients in the hospital Sept. 30, 1891, was 453, — men 225, women 228. One hundred and seventy-seven patients were admitted within the year, — 102 men, 75 women. The number of cases under treatment was 630, — men 327, women 303. One hundred and forty-one patients were discharged, — men 85, women 56, including 38 deaths. Four hundred and eighty-nine patients remained in the hospital Sept. 30, 1892, — men 242, women 247. The average daily number was 469.09. The largest number on any one day was 492, the smallest 446.

Thirty-seven patients were discharged as recovered, including 2 inebriates; 19 as much improved, 21 as improved, 23 not improved and 3 not insane. Of those admitted, 25 were supported by individuals, 97 by towns and cities and 53 by the State.

The number of patients committed from the general population within the year is larger by 36 than in the previous

year, and larger by 7 than in any other year since the opening of the hospital. The increase in the number of patients in the house for the year is 36. According to estimates which have been made by the State Inspector of Institutions, the normal capacity of this hospital is 394 patients. The excess at present is 95. If the numbers continue to increase for the coming year as in the past, it will be readily seen that the hospital must become greatly overcrowded. With the increase in the number of commitments there is also a large increase in the number of acute cases, which require separate rooms and special treatment.

There are in the hospital about forty patients whose residence is in the eastern part of the State. It is desirable that they be removed, so as to enable this hospital to accommodate the patients from the western district.

The meetings of the Board have been held regularly each month, with occasional visits from members in the intervals. The usual inspections of the hospital and verifications of accounts have been made regularly at these meetings. The affairs of the hospital have been conducted in the usual manner and with about the usual results.

No epidemic has prevailed, with the exception of a considerable number of cases of influenza in the winter. No suicide or serious accident has occurred. There has been a very small amount of acute disease among the patients. The number of deaths is a little larger than it has been for several years. This may be accounted for by the fact that no less than ten of the deaths were of people who were in an extremely feeble condition when admitted, and lived only a short time.

The farm has been successfully managed, and, as usual, has contributed largely to the hospital supplies.

The improvements have been carried on, several acres of waste land cleared for cultivation, new roads made and the products increased. The year has been an important one in the number of improvements that have been made in buildings. The remainder of the appropriation that was made by the Legislature of 1890-91 for enlarging the hospital and for necessary repairs, amounting to \$19,177.19, has been

expended. Of the appropriation of \$50,000 which was made at the session of the Legislature of 1891-92, \$13,321.78 has been expended. The new dormitory for male help is nearly ready for use. The carpenters' and engineers' shops are in use. Four steel boilers, each having fifteen hundred square feet of heating surface, have been placed in the boiler house, with Smith's setting. An additional story is being built over the old boiler house for rooms for female help, and the laundry will soon be removed to the same building. The building which was erected for a storehouse in 1884 is being fitted up for the reception of patients. One-half of the lower floor will be used for a dining-room, the second story will be used as a day room and the third story as a dormitory. An addition twenty-two feet square, three stories in height, is now being built, on the north side, for wash-rooms, bath-rooms and closets. A similar building has been erected adjacent to the third section of the south wing, which will contain bath-rooms and water-closets for that section. An extension twenty by twenty-five feet has been added to the west end of the same section. This addition will contain two rooms for patients, and a large open bay at the end of the corridor on each of the three stories. An iron staircase is being put into the same section, and other changes are being made which will improve the lighting and ventilation of this section. The stable for horses has been enlarged and otherwise improved. Four of the halls in the male wing have been refitted with ash doors and casings, and the floors renovated. Many other smaller improvements have been made, which do not require mention.

The financial condition of the hospital is satisfactory. The report of the treasurer is appended, giving the details:—

Cash assets September 30,	.	.	.	.	\$46,996 69
Liabilities,	.	.	.	.	6,269 72
					<hr/>
Balance,	.	.	.	.	\$40,726 97

The amount of purchased supplies on hand September 30 was estimated at \$10,040.06. The products of the farm on hand were estimated to be worth \$8,348.47.

The amount charged for board of each class of patients was as follows : —

State patients,	\$14,846 04
Town patients,	51,981 21
Private patients,	19,078 05

Dr. Emily F. Wells, after seven years of efficient service, resigned to enter upon private practice. Jane R. Baker, M.D., was appointed to fill the vacancy.

In the performance of their duties the trustees have had the co-operation of the superintendent and all other officers of the institution.

HENRY W. TAFT.
 LYMAN D. JAMES.
 ELISHA MORGAN.
 ALVAN BARRUS.
 SARAH A. WOODWORTH.
 SARAH M. BUTLER.
 ADAMS C. DEANE.

LIST OF PERSONS

REGULARLY EMPLOYED AT THE NORTHAMPTON LUNATIC HOSPITAL,
SEPT. 30, 1892.

Superintendent and physician,	. . . . .	per year, \$2,500 00
Assistant physician, first,	. . . . .	" 1,500 00
Assistant physician, second,	. . . . .	" 600 00
Female physician,	. . . . .	" 500 00
Treasurer,	. . . . .	" 300 00
Treasurer, for clerk hire and paid to clerk,	. . . . .	" 200 00
Clerk,	. . . . .	" 1,200 00
Farmer,	. . . . .	" 700 00
Engineer,	. . . . .	" 1,200 00
Assistant clerk,	. . . . .	per month, 25 00
Supervisor (male),	. . . . .	" 40 00
Supervisor (female),	. . . . .	" 30 00
Assistant supervisor (female),	. . . . .	" 20 00
Seamstress,	. . . . .	" 20 00
Assistant seamstress,	. . . . .	" 16 00
Laundress,	. . . . .	" 18 00
Assistant laundresses (2),	. . . . .	" 18 00
Assistant laundress,	. . . . .	" 15 00
Baker,	. . . . .	" 45 00
Assistant baker,	. . . . .	" 20 00
Steward,	. . . . .	" 50 00
Assistant steward,	. . . . .	" 35 00
Attendants (male, 4),	. . . . .	" 30 00
Attendants (male, 3),	. . . . .	" 25 00
Attendant (male, 1),	. . . . .	" 23 00
Attendants (male, 6),	. . . . .	" 21 00
Attendants (female, 7),	" 18 00
Attendants (female, 2),	" 16 00
Attendants (female, 4),	" 15 00

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Attendants (female, 4),	per month,	\$14 00
Night watch (female),	"	18 00
Housework, centre (female),	"	17 00
Housework, centre (female),	"	16 00
Housework, centre (female),	"	15 00
Cook (female),	"	18 00
Assistant cook (female),	"	16 00
Assistant cook (female),	"	15 00
Assistant cook (female),	"	14 00
Farmers' dining-room (female),	"	15 00
Housework, rear building (female),	"	15 00
Watchman,	"	30 00
Carpenter,	per day,	2 25
Carpenter,	"	2 00
Painter,	per month,	50 00
Night engineer and gardener in summer,	"	30 00
Coachman,	"	30 00
Car boy,	"	18 00
Florist,	"	50 00
Farm hands (2),	"	30 00
Farm hands (3),	"	28 00
Farm hands (2),	"	25 00
Farm hand,	"	23 00

INVENTORY OF STOCK AND SUPPLIES

ON HAND SEPT. 30, 1892.

Live stock on farm,	\$9,186 00
Products of farm on hand,	8,348 47
Carriages and agricultural tools,	3,350 00
Machinery and mechanical fixtures,	9,620 00
Beds and bedding in inmates' department,	12,500 00
Other furniture in inmates' department,	7,000 00
Personal property of State in superintendent's department,*	8,500 00
Ready-made clothing,	2,410 16
Dry goods,	4,261 42
Provisions and groceries,	3,233 26
Drugs and medicine,	550 00
Fuel,	306 80
Library,	1,000 00
Paints and oils,	475 00
Total,	<hr/> \$70,741 11

* This term is here applied to the whole of the central edifice or block, and includes all the offices, the kitchen, the bakery, the laundry, the sewing-room and other departments.

TREASURER'S REPORT.

To the Trustees of the Northampton Lunatic Hospital.

I hereby present my report, as treasurer of the hospital, for the fiscal year ending with the 30th of September, 1892. It contains, as usual, an appraisal of the property of the institution, an account of the receipts and the disbursements of money during the year, and the financial condition at its close.

ASSETS.

Four hundred and ninety-three acres of land,	\$53,000 00
Hospital building,	270,000 00
Farm-house, \$1,800 ; brick house, \$1,800,	3,600 00
Four dwellings,	2,000 00
Storehouse and shops,	20,000 00
Two barns,	5,000 00
Horse stable,	1,900 00
Scullery and wood-house,	500 00
Lumber-house,	900 00
Pump-house,	700 00
Cart shed,	450 00
Coal-house,	100 00
Piggery,	3,000 00
Cattle shed,	1,150 00
Fire-proofs for oils and paints,	500 00
Two ice-houses,	450 00
	<hr style="width: 100px; margin-left: 0;"/> \$363,250 00

PERSONAL ESTATE.

Stock and supplies on hand, as per inventory appended to the trustees' report,	\$70,741 11
--	-------------

RECEIPTS.

Cash on hand Sept. 30, 1891,	\$28,398 34
Received from State treasurer,	14,846 04
from towns,	51,980 21
from individuals,	19,078 05
from sales,	3,487 47
from interest,	727 16
	<hr style="width: 100px; margin-left: 0;"/> \$118,517 27

PAYMENTS.

1. Salaries, wages and labor,	\$31,017 31	
2. Provisions and supplies: —		
Meats of all kinds,	\$31,017 31	
Fish of all kinds,	1,551 89	
Fruit and vegetables,	1,228 09	
Flour,	3,394 05	
Grain and meal for table,	262 92	
Tea, coffee and chocolate,	855 09	
Grain and meal for stock,	3,660 77	
Sugar and molasses,	1,416 16	
Butter and cheese,	4,405 25	
Salt and other groceries,	1,207 57	
All other provisions,	2,589 13	
		25,293 06
3. Clothing,		3,720 45
4. Fuel and lights,		2,994 35
5. Medicines and medical supplies,		938 68
6. Furniture, beds and bedding,		1,783 57
7. Transportation and travelling expenses,		844 08
8. Ordinary construction and repairs,		2,549 74
9. Extraordinary construction and repairs,		17,939 78
10. Miscellaneous expenses, including: —		
1. Farm stock,	\$1,209 50	
2. Farm supplies,	2,439 95	
3. Water,	1,178 00	
4. Minor expenses,	1,064 11	
5. Contingencies,	1,277 09	
		7,168 65
Total expenses,		\$94,249 67

LIABILITIES.

Salaries and wages due Oct. 1, 1892,	\$4,006 55
Miscellaneous bills due,	2,263 17
	<u>\$6,269 72</u>

Due the institution for board Oct. 1, 1892: —

From State,	\$3,646 50	
town,	14,021 21	
individuals,	5,061 38	
Due from the treasurer, Sept. 30, 1892,	24,267 60	
		<u>\$46,996 69</u>

SUMMARY.

Total receipts,	\$118,517 27
Total payments,	94,249 67
	<u>\$24,267 60</u>
Cash on hand Sept. 30, 1892,	

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Total liabilities,	\$6,269 72
Total debts due the institution,	46,996 69
Total expenditures,	94,249 67

Dividing this sum by 469.09, the average number of patients,
 we have the average expenditure per patient, . . . \$200 92
 And the average weekly expenditure per patient, . . . 3 84

Deducting from the total expenditure,	\$94,249 67
The extraordinary expenses,	17,939 78

We have the current expenses, \$76,309 89

Dividing \$76,309.89 by 469.09, the average number of pa-
 tients, we have the average expenditure per patient, . . . \$162 67
 Making the average weekly expenditure per patient, . . . 3 11

Adding to the current expenses,	\$76,309 89
The decrease of personal assets,	3,460 03

We have the necessary cost for the year, \$79,769 92

Dividing \$79,769.92 by 469.09, the average number of pa-
 tients, we have, as the annual cost of each patient, . . . \$170 05
 Making the average weekly cost of each patient, . . . 3 27

EDWARD B. NIMS,
Treasurer.

We have examined, as auditors, the accounts of the treasurer, and found a satis-
 factory voucher for every entry.

ALVAN BARRUS,
 E. MORGAN,
Auditors.

FINANCIAL STATEMENT.

Of the appropriation made by the Legislature of 1891 for the purpose of enlarging the hospital and for other necessary repairs : —

Amount of appropriation,	.	.	.	.	.	.	\$30,000 00
Drawn to Sept. 30, 1891,	.	.	.	.	.	\$10,822 81	
Drawn Oct. 27, 1891,	.	.	.	.	.	5,773 25	
Nov. 30, 1891,	.	.	.	.	.	8,953 75	
Dec. 25, 1891,	.	.	.	.	.	4,450 19	
						<u> </u>	\$30,000 00

Of the appropriation made by the Legislature of 1892 for the purpose of enlarging the hospital and for other necessary repairs : —

Amount of appropriation,	.	.	.	.	.	.	\$50,000 00
Drawn July 20, 1892,	.	.	.	.	.	\$4,152 64	
Sept. 3, 1892,	.	.	.	.	.	2,445 97	
Sept. 15, 1892,	.	.	.	.	.	4,955 69	
Sept. 30, 1892,	.	.	.	.	.	1,767 48	
						<u> </u>	\$13,321 78

EDWARD B. NIMS,
Treasurer.

SUPERINTENDENT'S REPORT.

To the Trustees of the Northampton Lunatic Hospital.

The superintendent herewith respectfully presents the report of this hospital for the year 1891-92. The statistics and details of the year's work are fully presented in the accompanying tables:—

1. — General Statistics of the Year.

	INSANE.			HABITUAL DRUNKARDS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in hospital Oct. 1, 1891,	225	228	453	-	-	-
Admitted within the year,	96	74	170	6	1	7
Whole number of cases within the year, .	321	302	623	6	1	7
Discharged within the year,	81	55	136	3	1	4
Viz.: as recovered at time of leaving the hospital,	15	20	35	1	1	2
as much improved,	8	10	18	1	-	1
as improved,	12	8	20	1	-	1
as not improved,	15	8	23	-	-	-
Deaths,	29	9	38	-	-	-
Patients remaining Sept. 30, 1892, . . .	239	247	486	3	-	3
Viz.: supported as State patients, . . .	45	40	85	-	-	-
supported as town patients, . . .	164	165	329	2	-	2
supported as private patients, . . .	30	42	72	1	-	1
Number of different persons within the year,	315	298	613	6	1	7
Persons admitted,	95	73	168	6	1	7
Persons recovered,	15	19	34	1	1	2
Daily average number of patients, . . .	228.24	238.92	467.16	1.80	.13	1.93
Viz : State patients,	41.75	43.89	85.64	-	-	-
town patients,	150.12	158.07	308.19	1.10	.13	1.23
private patients,	36.37	36.96	73.33	.70	-	.70

1. — General Statistics of the Year — Concluded.

	NOT INSANE.			VOLUNTARY PATIENTS.			AGGREGATE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in hospital Oct. 1, 1891, . . .	-	-	-	-	-	-	225	228	453
Admitted within the year, . . .	-	-	-	-	-	-	102	75	177
Whole number of cases within the year,	-	-	-	-	-	-	327	303	630
Discharged within the year, . . .	-	-	-	1	-	1	85	56	141
Viz.: as recovered at the time of leaving the hospital, . . .	-	-	-	-	-	-	16	21	37
as much improved, . . .	-	-	-	-	-	-	9	10	19
as improved, . . .	-	-	-	-	-	-	13	8	21
as not improved, . . .	-	-	-	-	-	-	15	8	23
as not insane, . . .	2	-	2	1	-	1	3	-	3
Deaths, . . .	-	-	-	-	-	-	29	9	38
Patients remaining Sept. 30, 1892, . .	-	-	-	-	-	-	242	247	489
Viz.: supported as State patients, . .	-	-	-	-	-	-	45	40	85
supported as town patients, . .	-	-	-	-	-	-	166	165	331
supported as private patients, . .	-	-	-	-	-	-	31	42	73
Number of different persons within the year, . . .	2	-	2	1	-	1	324	299	623
Persons admitted, . . .	-	-	-	-	-	-	101	74	175
Persons recovered, . . .	-	-	-	-	-	-	16	20	36
Daily average number of patients, . .	-	-	-	.007	-	.007	230.04	239.05	469.09
Viz.: State patients, . . .	-	-	-	-	-	-	41.75	43.89	85.64
town patients, . . .	-	-	-	-	-	-	151.22	158.20	309.42
private patients, . . .	-	-	-	.007	-	.007	37.07	36.96	74.03

The number of patients admitted within the year is larger by 7 than in any former year, and larger by 36 than in the preceding year, not including transfers. The year began with 453 patients. One hundred and seventy-seven cases (102 men and 75 women) were admitted within the year, making the whole number under treatment 630, — 327 men, 303 women. Of these, 7 were committed under the dipso-maniac act.

One hundred forty-one cases were discharged (85 men and 56 women), including 38 deaths; which makes the number in the hospital Sept. 30, 1892, 489, — 242 men and 247 women.

The daily average for the year was 469.09. Of the discharged, 77 returned to their homes, 13 were removed out of the State, 6 eloped, 6 were removed to almshouses and 1 to Sherborn Prison.

The number of first admissions of cases was 140, of second admissions 27, of third admissions 8, of fourth admissions 1 and of seventh admissions 1. One man was discharged, re-admitted and again discharged; 1 man and 1 woman were admitted and discharged twice within the year; 1 man and 3 women were discharged and readmitted within the year; which makes the number of persons admitted within the year 175. Persons discharged 138, and persons under treatment 623, — men 324, women 299.

STATUS OF PATIENTS.

Of the 453 patients in the hospital Oct. 1, 1891, 80 were charged to State account, 302 to towns or cities, and 71 were supported by individuals.

The commitment of patients to the hospital is by an order of the judge of some court. If any individual comes forward and assumes the responsibility of paying for the support of any patient, such patient is put upon the list of private patients. All other patients are either charged to State account or to towns or cities, according as they have legal settlements in any town or city, or not. It is often the case that the friends of patients allow them to be charged to the town in which they have a settlement, and then indemnify the town or city, in order to save expense. Recently private patients are received at lower rates than formerly, in deference to the wishes of friends who desire to pay the bills themselves.

Twenty-six of the patients admitted this year were supported by friends, 53 were wards of the State and 96 were supported by cities or towns. Of those remaining in the hospital Sept. 30, 1892, 85 are State patients, 331 town and 73 private. The weekly average of the different classes are given in the table which follows, indicating the change in status which is continually taking place.

	1890-91.			1891-92.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
State patients,	45.35	44.55	89.90	43.04	42.48	85.52
Town patients,	148.84	147.44	296.28	152.65	157.09	309.74
Private patients,	32.41	36.16	68.57	32.52	40.75	73.27

RECOVERIES.

The number and ratios of recoveries are not large. This is owing to the large number of incurable cases that were admitted. The number reported as recovered at the time of leaving the hospital was 37. Four of these had been previously discharged as recovered. Thirty-one of those recovered had never been treated in this hospital, 4 of them were second admissions and 2 the third. The percentage of recoveries on the number admitted was 20.9, on the number of persons discharged 26.08.

DEATHS.

The percentage of deaths in a hospital is always to a certain extent accidental, depending mainly upon the age of the patient, the character of his disease, and the progress which such a disease has made when the patient was admitted. The number of deaths within the past year is the largest that it has been for the last eleven years. The special reason for this is that 10 of the men who died were in such condition when admitted as to make death almost certain within a short time. They lived a period varying from eight to thirty-five days. Twenty-nine men and 9 women are included in the list of deaths. Six patients died of paresis, 4 of heart disease, 3 of phthisis, the same number of pneumonia and epilepsy, 1 each of old age, Bright's disease, paralysis, pyæmia, abscess of the throat, enteritis and exhaustion of toxic mania. Erysipelas caused the death of 2 feeble aged men. In 4 cases exhaustion of chronic brain disease was the cause of death. Three died of exhaustion of chronic mania and 2 of exhaustion of acute melancholia.

The percentage of deaths on the whole number treated within the year was 6.03, on the daily average 8.1. The numbers and ratios of deaths since 1858 will be found in the annexed table : —

Deaths and their Ratios, from Sept. 30, 1858, to Oct. 1, 1892.

OFFICIAL YEAR.	Whole No. of Patients.	Daily Aver- age No. of Patients.	DEATHS.			Per Cent. on Whole No. of Patients treated.	Per Cent. on Daily Aver- age No. of Patients.
			Men.	Women.	Totals:		
1858-59, .	313	229.55	7	12	19	6.07	8.27
1859-60, .	398	255.96	9	18	27	6.78	10.54
1860-61, .	434	314.26	15	15	30	6.91	9.54
1861-62, .	442	313.80	9	10	19	4.29	6.05
1862-63, .	470	355.28	19	7	26	5.53	7.31
1863-64, .	475	357.63	17	30	47	9.89	13.14
1864-65, .	469	342.40	17	24	41	8.76	11.97
1865-66, .	488	376.35	18	13	31	6.35	8.23
1866-67, .	543	401.03	23	24	47	8.65	11.71
1867-68, .	565	413.41	25	17	43	7.61	10.40
1868-69, .	590	405.10	13	12	25	4.23	6.17
1869-70, .	604	408.83	22	11	33	5.46	8.07
1870-71, .	616	421.90	16	12	28	4.54	6.64
1871-72, .	619	428.72	19	18	37	5.97	8.63
1872-73, .	614	437.23	13	8	21	3.42	4.80
1873-74, .	626	469.54	14	11	25	3.99	5.32
1874-75, .	629	475.35	23	18	41	6.52	8.62
1875-76, .	629	474.21	18	19	37	5.88	7.80
1876-77, .	603	476.16	21	21	42	6.96	8.82
1877-78, .	551	442.43	14	9	23	4.17	5.19
1878-79, .	535	436.73	14	9	23	4.29	5.27
1879-80, .	559	450.51	17	12	29	5.19	6.44
1880-81, .	569	451.79	16	10	26	4.57	5.75
1881-82, .	587	461.66	24	14	38	6.47	8.23
1882-83, .	606	466.76	17	13	30	4.95	6.42
1883-84, .	605	463.05	12	13	25	4.13	5.39
1884-85, .	599	475.94	16	11	27	4.51	5.67
1885-86, .	659	474.40	14	12	26	3.94	5.48
1886-87, .	639	478.55	13	18	31	4.85	6.47
1887-88, .	635	470.25	14	17	31	4.88	6.59
1888-89, .	636	469.10	18	7	25	3.93	5.32
1889-90, .	616	470.50	12	9	21	3.40	4.46
1890-91, .	636	457.00	19	12	31	4.87	6.78
1891-92, .	630	469.09	29	9	38	6.03	8.1

WORSHIP AND ENTERTAINMENT.

The question of entertainment for patients which shall be satisfactory, and at the same time useful, taxes the ingenuity and skill of those who have it in charge, to give it sufficient variety and make it attractive. The religious exercise, the reading, the illustrated lecture, the musical assembly and the dance all have their advocates. This hospital has maintained with regularity some sort of exercise a large portion of the year, for the past twenty-eight years, and it is with satisfaction that we look back and see that the work has not been in vain. So many of those who attend give evidence that the moral effect is beneficial. While in some the effect is intellectual, in others sentiment is appealed to. The hospital has no chaplain, hence the work falls mainly on the physicians. The average attendance upon the services on Sunday was 292.

The following table gives the character of the exercises : —

Exercises in Chapel.

1. ON THE SABBATH : —	
Divine worship,	52 days.
2. ON SECULAR EVENINGS : —	
(a) <i>Readings and Recitations, opened and closed with Music : —</i>	
The Bible,	2 days
The Bible and selections of poetry,	30 days.
The Bible and selections of poetry and prose,	18 days.
Miscellaneous selections of prose,	72 days.
Miscellaneous selections of poetry,	9 days.
Miscellaneous selections of poetry and prose,	42 days.
Recitations,	5 days.
(b) <i>Other Entertainments : —</i>	
Pictures shown with stereopticon,	7 days.
Concert,	1 day.
Lecture,	1 day.
(c) <i>Social Assemblies : —</i>	
Quadrille parties,	25 days.
No assembly,	102 days.
	<hr/>
	365 days.

FARM.

The farm has been very productive under the usually good management. With the exception of a dry period in the

early spring, the weather has been favorable. The crops have been large and excellent, the hay well up to the standard. The quantity of milk has increased from year to year, as it has come to be a necessity among the feeble patients and in many acute cases where exhaustion and enfeebled digestion prevail. The daily average quantity of milk used in the house was 398 quarts; the total amount was 36,429 gallons, one-third of which is given in the table of products, the other two-thirds charged to the cost of animals and their food. The apples produced amount to 1,246 barrels, nearly all of which are used in the hospital. The custom of purchasing beef cattle of prime quality for slaughtering is still continued during a larger part of the year, which insures a good quality of beef for consumption.

Improvements are continually carried on each year, such as can be made by the regular employees, in the intervals between the busier seasons of the year, without additional expense. A tract of fertile land in the south-west part of the farm, which was entirely covered with bushes, is being cleared for cultivation. Another tract of twenty acres in the west part of the farm, covered with bushes and bowlders, has been cleared. Nearly the whole of the farm (which at present contains about 495 acres) can eventually be brought under cultivation, excepting some groups of trees. As usual, many patients have been employed in the farm work.

The following table gives the annual amount of hay produced :—

1864, estimated, . . .	40 tons.	1879, weighed, . . .	144 tons.
1865, " . . .	62 "	1880, " . . .	154 "
1866, " . . .	42 "	1881, " . . .	213 "
1867, weighed, . . .	82 "	1882, " . . .	170 "
1868, " . . .	86 "	1883, " . . .	197 "
1869, " . . .	91 "	1884, " . . .	174 "
1870, " . . .	74 "	1885, " . . .	251 "
1871, " . . .	75 "	1886, " . . .	269 "
1872, " . . .	91 "	1887, " . . .	302 "
1873, " . . .	84 "	1888, " . . .	305 "
1874, " . . .	120 "	1889, " . . .	331 "
1875, " . . .	100 "	1890, " . . .	336 "
1876, " . . .	111 "	1891, " . . .	295 "
1877, " . . .	154 "	1892, " . . .	315 "
1878, " . . .	179 "		

Eighty-eight hogs were slaughtered. The table gives the annual product of pork : —

Pork raised upon the Farm.

1865, . . .	6,265 pounds.	1879, . . .	13,569 pounds.
1866, . . .	5,443 "	1880, . . .	14,729 "
1867, . . .	7,416 "	1881, . . .	15,610 "
1868, . . .	7,791 "	1882, . . .	14,414 "
1869, . . .	8,469 "	1883, . . .	15,612 "
1870, . . .	7,447 "	1884, . . .	10,192* "
1871, . . .	7,863 "	1885, . . .	17,544 "
1872, . . .	11,366 "	1886, . . .	21,503 "
1873, . . .	10,511 "	1887, . . .	26,331 "
1874, . . .	12,024 "	1888, . . .	18,465 "
1875, . . .	12,693 "	1889, . . .	19,227 "
1876, . . .	12,467 "	1890, . . .	25,189 "
1877, . . .	13,605 "	1891, . . .	32,621 "
1878, . . .	14,451 "	1892, . . .	31,074 "

The animals on the farm Sept. 30, 1892, were : 11 oxen, 4 bulls, 66 cows, 32 heifers, 9 calves (not including those intended for slaughtering), 11 horses, 2 colts, 189 swine, 180 poultry. The following table gives the products for the year : —

List of Farm Products in 1892.

Hay (first growth), 222 tons,	\$3,552 00
Hay (after growth), 93 tons,	1,488 00
Corn fodder (dry), 35 tons,	210 00
Corn, 649 bushels,	382 91
Straw, 6 tons,	72 00
Potatoes, 2,878 bushels,	2,158 50
Broom seed, 40 bushels,	16 00
Broom brush, 600 pounds,	30 00
Carrots, 250 bushels,	100 00
Sugar beets, 377 bushels,	150 80
Beets, 160½ bushels,	80 12
Onions, 400 bushels,	300 00
Turnips, 375 bushels,	93 75
Parsnips, 60 bushels,	36 00
Beans (in shell), 197½ bushels,	197 50
Beans (string), 9½ bushels,	19 00
Pease (green), 133 bushels,	133 00
Sweet corn (green), in ear, 233 bushels,	174 50
Tomatoes, 173 bushels,	139 00

* Quantity diminished by disease.

Lettuce, 95½ bushels,	\$95 50
Cucumbers, 152½ bushels,	152 50
Squash (summer), 106 bushels,	106 00
Squash (winter), 6,650 pounds,	99 75
Melons, 27,853 pounds,	278 53
Asparagus, 34½ bushels,	70 00
Pie-plant, 127½ bushels,	127 50
Beet greens, 72 bushels,	72 00
Spinach, 57 bushels,	57 00
Cabbage, 4,059 heads,	121 77
Currants, 20½ bushels,	61 50
Apples, 1,246 barrels,	1,501 00
Pears, 29½ bushels,	29 50
Quinces, 10 bushels,	12 50
Beef, 4,784 pounds,	286 36
Veal (raised here), 2,212 pounds,	232 70
Pork, 31,074 pounds,	2,071 51
Pigs sold, 247,	672 40
Pigs, roasting, 3,	6 00
Chickens, 751 pounds,	142 69
Eggs, 565 dozen,	129 95
Milk (grass fed), 12,143 gallons,	1,942 88
Cider, 80 barrels,	160 00
Calf skins,	12 00
Young calves sold, 28,	72 00
Wood, 10 cords,	30 00
Ensilage, 125 tons,	312 50
Celery,	6 25
Posts, 30,	7 50
Husks (corn), 3 tons,	18 00
Ice, 500 tons,	500 00
Rye, 70 bushels,	49 00
Citron, 100 pounds,	2 00
Oats, 80 bushels,	32 00
	<hr/>
	\$18,803 87

FINANCES.

The hospital depends for its income upon the products of the farm and the amounts charged for the board of patients. The hospital receives for the support of all State and town or city patients \$3.25 each per week. The average cost per patient for the year past was \$3.84. The term "support," as interpreted by law, includes board, clothing, medical attendance, damage to the property of the hospital, etc. No extra charge is allowed in the bills, except as provided in chapter 87, section 45, of the Public Statutes: "No pauper shall be discharged from the State hospital without

suitable clothing, and the trustees may furnish the same at their discretion, together with such sum of money, not exceeding twenty dollars, as they may deem necessary. Such money and the cost of such clothing, the expense of pursuing such lunatics as escape therefrom, and of burial of such as die in the hospital, shall be reimbursed to the trustees by the places of legal settlement of city and town paupers, and by the Commonwealth in the case of State paupers.”

The daily average of State and town patients for the past year was 395.06. The charge for board of private patients is not uniform, but varies according to the arrangements made with the parties paying such board. The average price charged for all private patients who were in the hospital Sept. 30, 1892, was \$4.79 per week. The daily average number of this class was 74.03. The clothing and damages are charged extra. The average weekly pay per capita charged by the hospital for all its patients, State, town and private, in the course of the year, was \$3.52.

The amount of cash assets on hand is \$46,996.69, the liabilities are \$6,269.72. The purchased supplies on hand, including provisions, clothing and fuel, are estimated to cost \$10,040.06, making the working surplus of the hospital \$50,767.03. The amount expended from the regular receipts of the hospital for extraordinary repairs and improvements was \$17,939.78. In addition to this, \$19,177.19 was expended from the appropriation made by the Legislature of 1890–91, and \$12,921 from the appropriation made by the Legislature of 1891–92, for enlarging the hospital and for necessary repairs and improvements, making a total of \$50,037.97 expended within the year. The total amount of appropriations which have been made by the State and expended for the construction, repairs and improvements of the hospital, from the time of the passage of the act authorizing its erection, according to the list furnished by the State treasurer, is \$418,470.40.

ACKNOWLEDGMENTS.

Thanks are due to Mr. S. E. Bridgman, Mrs. D. D. Gorham, Miss Florence Austin and others, for magazines, papers and other reading matter; to the "N. E. Staaten Zeitung" for two copies of that paper, to the "Christian Register" for one copy for the year.

The usual stereopticon exhibitions were given by Dr. T. W. Meekins. The weekly dances were favored with music from Mr. Frank's orchestra. Many of the patients have reason to be grateful to Mrs. S. A. Woodworth and Mrs. S. M. Butler for favors received.

It gives me pleasure to acknowledge the many expressions of interest and good wishes which almost constantly come from friends for the prosperity of the hospital, and success of the efforts which are made for those under our care.

CONCLUSION.

The year has brought very few changes in the offices of the hospital. Dr. Emily F. Wells resigned her position as physician, to engage in private practice, after a long and faithful service. Jane R. Baker, M.D., was appointed to fill the vacancy, and has acceptably filled the position for about two months. The number of changes among the attendants has been larger than usual.

It is a pleasure to acknowledge the willing help which has been given by the official staff, and the assistance and support of your Board.

EDWARD B. NIMS,
Superintendent.

DIETARY OF THE NORTHAMPTON LUNATIC HOSPITAL.

[There are two bills of fare, the first of which is supplied to the tables of about two hundred persons, and the second to those of somewhat over three hundred.]

BILL OF FARE No. 1.

BREAKFAST.

Monday. — Tea, coffee, broiled beefsteak, potatoes, warm rolls (“biscuit”), bread and butter.

Tuesday. — Tea, coffee, fried tripe,* potatoes, warm rolls, bread and butter.

Wednesday. — Tea, coffee, broiled beefsteak, potatoes and warm brown (rye and Indian) bread.

Thursday. — Tea, coffee, broiled beefsteak, potatoes, warm rolls, bread and butter.

Friday. — Tea, coffee, fried tripe,* potatoes, warm rolls, bread and butter.

Saturday. — Tea, coffee, either fried fish-balls or liver, meat hash, hot corn cake, bread and butter.

Sunday. — Tea, coffee, cold corned beef, potatoes, warm rolls, bread, butter and fried Indian corn pudding.

DINNER.

Monday. — Roast beef, potatoes and one other vegetable, bread, butter, boiled rice with syrup or sugar

Tuesday. — Vegetable soup, roast or stewed veal,† potatoes and one other vegetable, bread, butter and baked Indian pudding.

Wednesday. — Either fried or baked fresh fish or boiled mutton, potatoes and one other vegetable, bread, butter and berry or apple pudding, with sauce.‡

Thursday. — Vegetable soup, corned beef, potatoes and one other vegetable, bread, butter and boiled suet pudding with syrup.

* Tripe is replaced in winter by sausages, and in spring by fried ham and eggs, except in the season of shad, when that fish is given once each week instead of ham and eggs, and once instead of beefsteak.

† Substituted in winter by fresh pork ribs, roasted.

‡ In spring, maple syrup is used as sauce for puddings.

Friday. — Either boiled or roasted mutton * or stewed or roasted veal, potatoes and one other vegetable, bread, butter and tapioca pudding or raisin pudding of either rice, bread or cracker.

Saturday. — Baked beans, corned beef, potatoes and one other vegetable, pickles, bread, butter and baked bread pudding.

Sunday. — Cold corned beef, potatoes, warmed baked beans, pickles, bread, butter and pies, the kind varying with the season.

SUPPER.

Monday. — Tea, bread, warm corn cake, butter, hard gingerbread and a relish.†

Tuesday. — Tea, white bread, graham bread, butter, soft gingerbread and a relish in the warm season, substituted by buckwheat cakes in the cold season.

Wednesday. — Tea, bread, butter, cookies and ginger snaps and a relish.

Thursday. — Tea, bread, butter, pie (the kind varying with the season) and cheese.

Friday. — Tea, bread, butter, cake (the kind varying) and a relish.

Saturday. — Tea, bread, butter, doughnuts and cheese.

Sunday. — Tea, bread, butter, cookies and ginger snaps and blanc-mange or corn starch.

Extra. — In the winter and spring months hulled corn at supper, once in two weeks, on Saturdays.

BILL OF FARE No. 2.

BREAKFAST.

Monday. — Coffee, cold corned beef, potatoes and bread.

Tuesday. — Coffee, cold roast beef, potatoes and bread.

Wednesday. — Coffee, meat stew, potatoes and warm rye and Indian corn brown bread.

Thursday. — Coffee, picked codfish cooked in milk, potatoes and bread.

Friday. — Coffee, cold corned beef or meat stew, potatoes and bread.

Saturday. — Coffee, hash, either of meat or fish, and bread.

Sunday. — Coffee, cold baked beans, potatoes and bread.

Butter is used in two halls in the morning.

DINNER.

Monday. — Roast beef, potatoes and one other vegetable,‡ boiled hominy with molasses and bread.

* Substituted by stewed oysters in winter and spring, with some kind of roasted meat for those who prefer it.

† This term, used for the want of better, includes dried beef, berries, baked apples, apple sauce, and canned fruits, all of which are supplied, and each according to the season.

‡ Except two months in the spring.

Tuesday. — Vegetable soup, potatoes and one other vegetable,* baked Indian pudding† and bread.

Wednesday. — Boiled fresh fish with drawn butter sauce, potatoes and one other vegetable,* boiled hasty pudding with molasses and bread.

Thursday. — Vegetable soup, potatoes, cabbage or some other vegetable, boiled rice with molasses‡ and bread.

Friday. — Boiled codfish with drawn butter sauce, potatoes, beets or some other vegetable, boiled hasty pudding with molasses and bread.

Saturday. — Hot baked beans, potatoes, baked Indian or bread pudding, pickles and bread.

Sunday. — Cold corned beef, potatoes, pies (the kind varying with the season) and bread.

SUPPER.

Monday. — Tea, bread and butter.

Tuesday. — Tea, bread, butter and soft gingerbread.

Wednesday. — Tea, bread, butter and some kind of relish.

Thursday. — Tea, bread and butter.

Friday. — Tea, bread, butter and soft gingerbread.

Saturday. — Tea, bread and butter.

Sunday. — Tea, bread and butter.

EXTRAS.

In August and September these tables are furnished at supper with either berries, tomatoes or baked apples, as many as five times a week.

In four halls, sauce, of either fresh or dried apples, is furnished as often as three times a week for the rest of the year.

EXTRAS FOR THE WHOLE HOUSEHOLD.

All persons have roasted turkey at dinner on Thanksgiving Day, and either turkey or chicken on one other day in the year.

From four to five bushels of green sweet corn, in the ear, is consumed in its season, daily, with the exception of Sunday.

Tomatoes, cucumbers and melons are furnished in liberal quantities in their season.

In the spring, cowslips and dandelions are largely used as greens, and horseradish as a condiment.

During eight months of the year, a barrel of apples is distributed, daily, among the patients.

Beef tea, chicken broth, mutton broth, scalded milk, arrow-root gruel, oatmeal gruel, milk punch, cracked wheat, oatmeal porridge, dry toast, milk toast, toast with dropped egg and boiled eggs, for invalids and all who are not able to take the regular fare.

* Except two months in the spring.

† All baked puddings for the whole household are made with milk.

‡ Maple syrup is furnished, in place of molasses, three or four times in the spring.

* 2. — *Monthly Admissions, Discharges and Averages.*

MONTHS.		ADMISSIONS.			DISCHARGES.			DEATHS.			DAILY AVERAGE OF PATIENTS IN THE HOUSE.		
		Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
1891.													
October, .	.	5	6	11	6	7	13	3	—	3	221.51	228.32	449.83
November, .	.	9	7	16	4	3	7	1	—	1	221.8	229.66	451.46
December, .	.	8	6	14	3	2	5	—	1	1	226.32	233.55	459.87
1892.													
January, .	.	9	5	14	3	4	7	9	1	10	227.97	236.87	464.84
February, .	.	9	6	15	6	3	9	1	1	2	226.17	234.48	460.65
March, .	.	6	8	14	4	3	7	4	—	4	227.16	238.90	466.06
April, .	.	10	9	19	6	4	10	2	—	2	226.33	241.97	468.3
May, .	.	6	4	10	3	2	5	2	2	4	228.096	245.387	473.48
June, .	.	11	6	17	7	6	13	1	1	2	229.2	244.06	473.26
July, .	.	15	4	19	3	4	7	—	1	1	239.74	244.19	483.93
August, .	.	7	7	14	6	5	11	3	—	3	243.29	245.13	488.42
September, .	.	7	7	14	5	4	9	3	2	5	242.9	246.13	489.03
Total of cases, .	.	102	75	177	56	47	103	29	9	38	—	—	—
Total of persons, .	.	101	74	175	54	46	100	29	9	38	—	—	—
Daily average, .	.	—	—	—	—	—	—	—	—	—	230.04	239.05	469.09

* For Table No. 1, see beginning of superintendent's report

3. — *Received on First and Subsequent Admissions.*

NUMBER OF THE ADMISSIONS.	CASES ADMITTED.			TIMES PREVIOUSLY RECOVERED.		
	Males.	Females.	Total.	Males.	Females.	Totals.
First,	82	58	140	—	—	—
Second,	16	11	27	8	2	10
Third,	3	5	8	2	4	6
Fourth,	—	1	1	—	2	2
Seventh,	1	—	1	5	—	5
Total of cases, . . .	102	75	177	15	8	23
Total of persons, . .	101	74	175	9	5	14

4. — *Relations to Hospital of Persons admitted.*

HOSPITAL RELATIONS.	Males.	Females.	Total.
Never before in any hospital for insane, .	76	56	132
Former inmates of this hospital only, . .	16	16	32
of other hospitals only,	6	2	8
of this and other hospitals,	3	—	3
Total of persons,	101	74	175

5. — *Parentage of Persons admitted.*

PLACES OF NATIVITY.	MALES.		FEMALES.		TOTAL.	
	Father.	Mother.	Father.	Mother.	Father.	Mother.
Maine,	1	1	3	2	4	3
Vermont,	5	4	3	—	8	4
Massachusetts,	20	7	15	14	35	31
Connecticut,	10	13	—	3	10	16
Rhode Island,	1	1	2	1	3	2
New York,	5	7	4	6	9	13
New Jersey,	—	—	1	1	1	1
Pennsylvania,	—	1	—	—	—	1
Canada,	9	7	3	3	12	10
Nova Scotia,	—	1	—	—	—	1
New Brunswick,	1	1	—	—	1	1
England,	6	7	8	8	14	15
Ireland,	33	33	27	29	60	62
Scotland,	1	1	1	1	2	2
Germany,	2	1	—	—	2	1
France,	2	1	—	—	2	1
Italy,	1	1	1	—	1	1
Russia,	—	—	1	1	1	1
Sweden,	—	—	1	1	1	1
Unknown,	4	4	4	4	8	8
Totals,	101	101	74	74	175	175

6. — *Residence of Persons admitted.*

PLACES.	Males.	Females.	Total.
Hampshire County,	7	10	17
Hampden County,	51	40	91
Berkshire County,	37	11	48
Franklin County,	5	11	16
Worcester County,	1	2	3
Totals,	101	74	175
Cities or towns,*	56	41	97
Country districts,	45	33	78
Totals,	101	74	175

* Containing not less than 10,000 inhabitants.

9. — Probable Causes of Disease in Persons admitted.

CAUSES.	PATIENTS ADMITTED.				INSANE.				HABITUAL DRUNKARDS.			
	INSANE.		HABITUAL DRUNKARDS.		PREVIOUS ATTACKS.		HEREDITARY PREDISPOSITION.		PREVIOUS ATTACKS.		HEREDITARY PREDISPOSITION.	
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Males.	Females.	Total.	Males.
	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.
1. — PHYSICAL —												
Congenital,	7	—	7	—	—	—	—	—	—	—	—	—
Dissipation,	2	1	3	—	—	—	1	—	—	—	—	—
Epilepsy,	3	3	6	—	—	—	—	—	—	—	—	—
Heredity,	6	9	15	—	—	—	6	9	—	—	—	—
Ill-health,	1	8	9	—	—	—	1	—	—	—	—	—
Influenza,	2	2	4	—	—	—	—	—	—	—	—	—
Injury,	8	1	9	—	—	—	1	—	—	—	—	—
Intemperance,	21	7	28	6	3	6	—	—	4	1	5	—
Intemperance and ill-health,	2	1	3	—	—	—	—	—	—	—	—	—
Masturbation,	13	3	16	—	—	—	2	1	—	—	—	—
Menopause,	—	3	3	—	—	—	—	2	—	—	—	—
Menopause and influenza,	—	1	1	—	—	—	—	—	—	—	—	—
Overwork,	—	2	2	—	—	—	—	—	—	—	—	—
Overwork and lactation,	—	2	2	—	—	—	—	1	—	—	—	—

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Totals,
Overstudy,	1	-	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	1	-
Senility,	-	9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-	-	-	-
"Shock,"	-	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-	-	-	-
Puerperal,	1	-	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	-	-
Business trouble,	-	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-	-	-	-
Family trouble,	2	-	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	-	-
Family trouble and grief,	1	-	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-	-	-	-
Grief,	2	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-	-	-	-
Religious excitement,	2	-	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	-	-
Worry,	2	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	-	-
Worry and family trouble,	1	-	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-	-	-	-
Not insane,	-	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-	-	-	-
Unknown,	19	15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-	-	-	-
Totals,	74	96	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	18	29	5	-

10.—Record of Cases admitted within the Year.

PATIENTS.	INSANE.			HABITUAL DRUNKARDS.			NOT INSANE.			AGGREGATE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Admitted,	96	74	170	6	1	7	—	—	—	102	75	177
Discharged recovered,	10	14	24	1	1	2	—	—	—	11	15	26
much improved,	5	7	12	1	—	1	—	—	—	6	7	13
improved,	7	3	10	1	—	1	—	—	—	8	3	11
not improved,	12	2	14	—	—	—	—	—	—	12	2	14
not insane,	—	—	—	—	—	—	2	—	2	2	—	2
Died,	8	6	14	—	—	—	—	—	—	8	6	14
Remaining Sept. 30, 1892,	52	41	93	3	—	3	—	—	—	55	42	97
Number likely to recover or improve,	11	14	25	2	—	2	—	—	—	13	14	27

11. — *Ages of Insane at First Attack, Admission and Death.*

AGES.	PERSONS FIRST ADMITTED TO ANY HOSPITAL.						PERSONS DIED.					
	AT FIRST ATTACK.			WHEN ADMITTED.			AT FIRST ATTACK			AT TIME OF DEATH.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,	-	-	-	-	-	-	-	-	-	-	-	-
15 years and less, . . .	4	2	6	-	-	-	1	-	1	-	-	-
From 15 to 20 years, . .	-	4	4	1	4	5	-	-	-	-	-	-
20 to 25 years, . . .	7	9	16	9	8	17	-	2	2	1	1	2
25 to 30 years, . . .	6	5	11	8	2	10	-	1	1	-	-	-
30 to 35 years, . . .	5	7	12	10	6	16	1	1	2	2	-	2
35 to 40 years, . . .	8	9	17	10	13	23	2	-	2	1	2	3
40 to 50 years, . . .	11	12	23	17	14	31	5	3	8	5	3	8
50 to 60 years, . . .	5	4	9	9	4	13	3	-	3	6	-	6
60 to 70 years, . . .	4	2	6	5	5	10	5	-	5	6	1	7
70 to 80 years, . . .	3	-	3	4	-	4	1	-	1	5	-	5
Over 80 years,	1	-	1	3	-	3	-	1	1	3	2	5
Unknown,	22	2	24	-	-	-	11	1	12	-	-	-
Not insane,	-	-	-	-	-	-	-	-	-	-	-	-
Total of persons, . .	76	56	132	76	56	132	29	9	38	29	9	38
Mean ages,	29.02	33.51	30.93	44.56	20.67	34.43	30.79	34.66	31.71	58.55	50.66	56.68

12. — Reported Duration of Disease before Last Admission.

PREVIOUS DURATION.	FIRST ADMISSION TO ANY HOSPITAL.			ALL OTHER ADMISSIONS.			TOTAL.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,	1	—	1	—	—	—	1	—	1
Under 1 month,	13	17	30	1	2	3	14	19	33
From 1 to 3 months,	13	4	17	1	1	2	14	5	19
3 to 6 months,	7	7	14	2	—	2	9	7	16
6 to 12 months,	6	5	11	1	2	3	7	7	14
1 to 2 years,	4	6	10	2	4	6	7	10	17
2 to 5 years,	8	6	14	2	5	7	10	11	21
5 to 10 years,	3	5	8	4	1	5	7	6	13
10 to 20 years,	10	5	15	5	2	7	15	7	22
Over 20 years,	4	1	5	1	1	2	5	2	7
Unknown,	5	—	5	7	1	8	13	1	14
Not insane,	2	—	2	—	—	—	—	—	—
Total of cases,	76	56	132	26	19	45	102	75	177
Total of persons,	76	56	132	25	18	43	101	74	175
Average in years,	2.23	2.64	2.40	4.32	3.63	4.03	2.75	2.88	2.80

13. — Form of Mental Disease in Cases admitted or discharged, with Condition on Discharge.

FORM OF DISEASE.	CASES ADMITTED.			CASES DISCHARGED.												AGGREGATE.		
	RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			DIED.			Males.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. -- Insane --																		
Epilepsy,	2	3	5	-	-	-	-	-	-	-	-	-	-	-	-	3	1	4
General paralysis,	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	8	-	8
Mania, acute,	13	9	22	-	5	5	-	-	-	-	-	-	-	-	-	7	11	18
chronic,	11	14	25	-	2	2	-	-	-	-	-	-	-	-	-	13	11	24
recurrent,	3	2	5	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
senile,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
<i>a potu</i> ,	5	1	6	-	-	-	-	-	-	-	-	-	-	-	-	5	1	6
Melancholia, acute,	13	19	32	-	-	-	-	-	-	-	-	-	-	-	-	10	13	23
chronic,	5	7	12	-	2	4	-	-	-	-	-	-	-	-	-	6	5	11
recurrent,	-	1	1	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1
Dementia, primary,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
secondary,	6	6	12	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
senile,	8	1	9	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4
organic,	2	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Delusional insanity,	5	5	10	-	-	-	-	-	-	-	-	-	-	-	-	-	3	8
Toxic insanity,	7	3	10	-	1	2	-	-	-	-	-	-	-	-	-	-	1	4
Traumatic insanity,	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Moral insanity,	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dipsomania,	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital mental deficiency,	7	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B. -- Habitual drunkards,	6	1	7	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1
C. -- Voluntary patients,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Not insane,	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Total of cases,	102	75	177	16	21	37	9	10	19	13	8	21	15	8	23	29	56	141
Total of persons,	101	74	175	16	20	36	9	10	19	13	8	21	14	8	23	29	55	138

14. — Discharges, classified by Admissions and Results.

NUMBER OF THE ADMISSION.	RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			NOT INSANE.			VOLUNTARY PATIENT.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First, . . .	14	17	31	7	9	16	10	7	17	11	3	14	2	—	2	1	—	1	24	5	29	69	41	110
Second, . . .	2	2	4	2	—	2	3	—	3	2	4	6	—	—	—	—	—	—	4	2	6	13	8	21
Third, . . .	—	2	2	—	1	1	—	—	—	2	1	3	—	—	—	—	—	—	1	2	3	3	6	9
Fourth, . . .	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	5	—	1	1
Total of cases, .	16	21	37	9	10	19	13	8	21	15	8	23	2	—	2	1	—	1	29	9	38	85	56	141
Total of persons, .	15	20	35	9	10	19	13	8	21	14	8	22	2	—	2	1	—	1	29	9	38	83	55	138

16. — Recoveries, classified by Duration of Disease and of Treatment.

PERIOD.	LAST ATTACK.						ALL ATTACKS.					
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION FROM THE ATTACK.			WHOLE KNOWN PERIOD OF MENTAL DISEASE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane —												
Congenital,	—	—	—	—	—	—	—	—	—	—	—	—
Under 1 month,	7	10	17	1	—	1	—	—	—	1	—	1
From 1 to 3 months,	1	2	3	9	8	17	3	5	7	8	8	16
3 to 6 months,	1	2	3	3	6	9	3	4	6	4	4	8
6 to 12 months,	—	1	1	1	3	4	3	3	7	1	5	6
1 to 2 years,	1	2	3	1	1	2	1	5	6	1	2	3
2 to 5 years,	2	—	2	—	2	2	1	—	2	—	1	1
5 to 10 years,	—	—	—	—	—	—	—	—	—	—	—	—
10 to 20 years,	1	—	1	—	—	—	1	—	1	1	—	—
Over 20 years,	—	—	—	—	—	—	—	—	—	—	—	—
Unknown,	2	3	5	—	—	—	3	3	6	—	—	—
Totals,	15	20	35	15	20	35	15	20	35	15	20	35
Average of known cases (in months), 15.03	2.55	2.55	7.9	3.63	5.3	4.58	13.86	6.5	9.65	2.9	6.15	5.17
B. — Habitual drunkards —												
Under 1 month,	—	—	—	1	—	1	—	—	—	1	—	1
From 1 to 3 months,	1	—	1	—	1	1	1	—	1	—	1	1
Unknown,	—	1	1	—	—	—	—	1	1	—	—	—
Totals,	1	1	2	1	1	2	1	1	2	1	1	2

17. — Deaths, classified by Duration of Disease and Treatment.

PERIOD.	LAST ATTACK.						ALL ATTACKS.					
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION FROM THE ATTACK.			WHOLE KNOWN PERIOD OF MENTAL DISEASE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A — Insane —												
Congenital,	—	—	—	—	—	—	—	—	—	—	—	—
Under 1 month,	3	1	4	5	2	7	—	—	—	4	1	5
From 1 to 3 months,	2	—	2	4	2	6	2	1	3	3	1	4
3 to 6 months,	3	—	3	4	2	6	2	—	2	5	2	7
6 to 12 months,	3	1	4	2	1	3	2	1	3	3	—	3
1 to 2 years,	—	2	2	4	1	5	3	—	4	4	4	8
2 to 5 years,	3	3	6	5	—	5	3	—	7	4	—	4
5 to 10 years,	2	1	3	4	1	5	4	1	9	4	1	5
10 to 20 years,	1	—	1	—	—	—	1	1	2	1	—	1
Over 20 years,	1	—	1	1	—	1	2	—	3	1	—	1
Unknown,	9	1	10	—	—	—	10	1	11	5	—	—
Totals,	29	9	38	29	9	38	29	9	38	29	9	38
Average of known cases (in months),	24.20	25.33	27.47	32.68	17.77	29.15	46.62	42.66	45.68	55.69	19.77	36.08

18. — Annual Admissions, etc. — Concluded.

YEARS ENDING SEPT. 30.	READMITTED CASES.													REMAINING OF EACH YEAR'S ADMISSIONS SEPT. 30, 1892.								
	DISCHARGED AND DIED IN 1891-92.																					
	ADMITTED.			RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			DIED.			Totals.	Females.	Males.	
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.				
1858,—2 mos.,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6	1	7
1858-59,	4	1	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1859-60,	7	3	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	2
1860-61,	13	7	20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1861-62,	13	5	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1862-63,	14	11	25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1863-64,	12	15	27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1864-65,	16	9	25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	1	3
1865-66,	9	9	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	1	5
1866-67,	19	8	27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
1867-68,	14	13	27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	2
1868-69,	12	21	33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	2	5
1869-70,	10	9	19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	2	3
1870-71,	16	14	30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	4
1871-72,	18	13	31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	4
1872-73,	13	10	23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7	5	12
1873-74,	19	19	38	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	5	10
1874-75,	14	16	30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	2	6
1875-76,	13	14	27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—	3

[illegible]

20. — Showing the Results of First Admissions.

	Males.	Females.	Totals.	Males.	Females.	Totals.
Number of persons on first admissions, . . .	—	—	—	2,178	2,101	4,279
Discharged recovered, . . .	498	431	929	—	—	—
improved, . . .	580	645	1,225	—	—	—
unimproved, . . .	415	403	818	—	—	—
not insane, . . .	18	13	31	—	—	—
Died, . . .	491	427	918	—	—	—
Remaining in the hospital Sept. 30, 1892, . . .	176	182	363	2,178	2,101	4,279

Showing the Results of Readmissions.

Readmitted, . . .	—	—	—	479	461	940
Discharged recovered, . . .	117	125	242	—	—	—
improved, . . .	140	137	277	—	—	—
unimproved, . . .	78	83	161	—	—	—
not insane, . . .	2	2	4	—	—	—
Died, . . .	76	49	125	—	—	—
Remaining in the hospital Sept. 30, 1892, . . .	66	65	131	479	461	940

Showing the Results of Second Admissions.

Second admissions, . . .	—	—	—	342	317	659
Discharged recovered, . . .	84	68	152	—	—	—
improved, . . .	89	95	184	—	—	—
unimproved, . . .	59	61	120	—	—	—
not insane, . . .	1	2	3	—	—	—
Died, . . .	61	40	101	—	—	—
Remaining in the hospital Sept. 30, 1892, . . .	48	51	99	342	317	659

Showing the Results of Third Admissions.

Third admissions, . . .	—	—	—	84	70	154
Discharged recovered, . . .	17	26	43	—	—	—
improved, . . .	28	19	47	—	—	—
unimproved, . . .	15	12	27	—	—	—
not insane, . . .	1	—	1	—	—	—
Died, . . .	12	6	18	—	—	—
Remaining in the hospital Sept. 30, 1892, . . .	11	7	18	84	70	154

Showing the Results of Fourth Admissions.

	Males.	Females.	Totals.	Males.	Females.	Totals.
Fourth admissions, . . .	—	—	—	22	32	54
Discharged recovered, . . .	8	8	16	—	—	—
improved, . . .	7	13	20	—	—	—
unimproved, . . .	2	4	6	—	—	—
Died,	2	2	4	—	—	—
Remaining in the hospital Sept. 30, 1892,	3	5	8	22	32	54

Showing the Results of Fifth Admissions.

Fifth admissions,	—	—	—	11	14	25
Discharged recovered, . . .	4	7	11	—	—	—
improved, . . .	4	4	8	—	—	—
unimproved, . . .	—	2	2	—	—	—
Died,	1	—	1	—	—	—
Remaining in the hospital Sept. 30, 1892,	2	1	3	11	14	25

Showing the Results of Sixth Admissions.

Sixth admissions,	—	—	—	7	10	17
Discharged recovered, . . .	2	5	7	—	—	—
improved, . . .	3	3	6	—	—	—
unimproved, . . .	2	2	4	7	10	17

Showing the Results of Seventh Admissions.

Seventh admissions, . . .	—	—	—	4	5	9
Discharged recovered, . . .	1	3	4	—	—	—
improved, . . .	2	—	2	—	—	—
unimproved, . . .	—	1	1	—	—	—
Died,	—	1	1	—	—	—
Remaining in the hospital Sept. 30, 1892,	1	—	1	4	5	9

Showing the Results of Eighth Admissions.

Eighth admissions, . . .	—	—	—	2	3	5
Discharged recovered, . . .	1	2	3	—	—	—
improved, . . .	1	—	1	—	—	—
unimproved, . . .	—	1	1	2	3	5

Showing the Results of Ninth Admissions.

	Males.	Females.	Totals.	Males.	Females.	Totals.
Ninth admissions, . . .	—	—	—	1	2	3
Discharged recovered, . . .	—	1	1	—	—	—
improved, . . .	1	1	2	1	2	3

Showing the Results of Tenth Admissions.

Tenth admissions, . . .	—	—	—	1	1	2
Discharged recovered, . . .	—	1	1	—	—	—
improved, . . .	1	—	1	1	1	2

Showing the Results of Eleventh Admissions.

Eleventh admissions, . . .	—	—	—	1	1	2
Discharged recovered, . . .	—	1	1	—	—	—
improved, . . .	1	—	1	1	1	2

Showing the Results of Twelfth Admissions.

Twelfth admissions, . . .	—	—	—	1	1	2
Discharged recovered, . . .	—	1	1	—	—	—
improved, . . .	1	—	1	1	1	2

Showing the Results of Thirteenth Admissions.

Thirteenth admissions, . . .	—	—	—	1	1	2
Discharged recovered, . . .	—	1	1	—	—	—
improved, . . .	1	—	1	1	1	2

Showing the Results of Fourteenth Admissions.

Fourteenth admissions, . . .	—	—	—	1	1	2
Discharged recovered, . . .	—	1	1	—	—	—
improved, . . .	1	—	1	1	1	2

Showing the Results of Fifteenth Admissions.

Fifteenth admissions, . . .	—	—	—	1	1	2
Discharged improved, . . .	—	1	1	—	—	—
Remaining in the hospital Sept. 30, 1892,	1	—	1	1	1	2

Showing the Results of Sixteenth Admissions.

	Males.	Females.	Totals.	Males.	Females.	Totals.
Sixteenth admissions, . . .	—	—	—	—	1	1
Discharged improved, . . .	—	1	1	—	1	1

Showing the Results of Seventeenth Admissions.

Seventeenth admissions, . . .	—	—	—	—	1	1
Remaining in the hospital Sept. 30, 1892,	—	1	1	—	1	1

21.—Operations of the Hospital, from the Beginning, in Each Year.

DISCHARGED AND DIED.																							
	ADMITTED.			RECOVERED.			MUCH IMPROVED.			IMPROVED.			UNIMPROVED.			NOT INSANE.			DIED.			Whole Number of Cases in the Year.	Number of Patients at end of the Year.
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.					
1858,—2 months,	99	129	228	—	—	—	4	—	4	2	2	4	—	—	—	—	—	—	—	—	228	220	
1858-59, .	46	47	93	18	15	33	9	9	18	7	5	12	—	—	—	—	—	—	—	7	313	231	
1859-60, .	73	94	167	19	16	35	12	10	22	2	2	4	—	—	—	—	—	—	9	18	398	310	
1860-61, .	71	53	124	18	17	35	14	14	28	4	7	11	—	—	—	—	—	—	15	15	434	330	
1861-62, .	64	48	112	19	15	34	27	15	42	9	5	14	1	—	1	—	—	—	9	10	442	332	
1862-63, .	70	68	138	12	16	28	16	10	26	4	3	7	—	—	—	—	—	—	19	7	470	383	
1863-64, .	47	45	92	30	19	49	19	15	34	4	6	10	—	1	1	—	—	—	17	30	475	334	
1864-65, .	70	64	134	17	16	33	14	15	29	8	5	13	—	—	—	—	—	—	17	24	468	352	
1865-66, .	75	61	136	16	10	26	12	7	19	5	2	7	—	—	—	—	—	—	18	13	488	405	
1866-67, .	61	77	138	24	18	42	15	13	28	6	7	13	—	—	—	—	—	—	23	24	543	413	
1867-68, .	68	84	152	21	19	40	22	27	49	5	7	12	—	—	—	—	—	—	25	18	565	421	
1868-69, .	84	85	169	31	18	49	23	33	56	20	38	58	—	—	—	—	—	—	13	12	590	402	
1869-70, .	90	112	202	23	27	50	15	43	58	22	34	56	—	2	2	—	—	—	22	11	604	405	
1870-71, .	109	102	211	16	27	43	23	41	64	31	30	61	—	—	—	—	—	—	16	12	616	420	
1871-72, .	101	98	199	25	15	40	33	27	60	22	27	49	—	—	—	—	—	—	19	18	619	433	
1872-73, .	102	79	181	19	29	48	37	22	59	23	29	52	—	1	1	—	—	—	13	8	614	433	
1873-74, .	105	88	193	25	12	37	24	19	43	27	18	45	—	—	—	—	—	—	14	11	626	476	
1874-75, .	75	78	153	16	13	29	21	24	45	17	21	38	—	—	—	—	—	—	23	18	629	476	
1875-76, .	76	77	153	19	13	32	18	31	49	24	23	47	—	—	—	—	—	—	18	19	629	464	

1876-77,	.	.	68	71	139	15	18	33	-	-	-	8	13	21	15	17	32	-	-	-	21	21	42	603	475
1877-78,	.	.	40	36	76	7	19	26	-	-	-	17	27	44	16	13	29	-	-	-	14	9	23	551	429
1878-79,	.	.	63	43	106	13	13	26	-	-	-	15	13	28	11	3	14	1	1	1	14	9	23	535	442
1879-80,	.	.	59	58	117	16	12	28	5	7	12	11	12	23	9	10	19	2	-	-	17	12	29	559	446
1880-81,	.	.	57	66	123	7	13	20	6	7	13	15	15	30	6	10	16	1	-	-	16	10	26	569	463
1881-82,	.	.	62	62	124	13	15	28	4	9	13	7	14	21	14	13	27	-	1	1	24	14	38	587	459
1882-83,	.	.	73	69	147	11	17	28	9	-	9	18	15	33	21	14	35	1	1	1	17	13	30	606	469
1883-84,	.	.	61	75	136	9	16	25	6	11	17	16	19	35	16	20	36	3	1	1	12	13	25	605	463
1884-85,	.	.	66	70	136	17	12	29	4	5	9	12	17	29	10	16	26	1	2	2	16	11	27	599	476
1885-86,	.	.	85	98	183	10	19	29	8	2	10	23	36	59	20	23	43	1	-	-	14	12	26	659	491
1886-87,	.	.	72	76	148	16	8	24	5	3	8	36	31	67	21	16	37	1	2	2	13	18	31	639	469
1887-88,	.	.	87	79	166	23	13	36	3	6	9	25	22	47	12	17	29	2	-	-	14	17	31	635	481
1888-89,	.	.	98	57	155	27	15	42	6	6	12	25	40	65	35	8	43	2	1	1	18	7	25	636	446
1889-90,	.	.	91	79	170	18	14	32	5	9	14	17	17	34	12	5	17	1	2	3	12	9	21	616	495
1890-91,	.	.	82	59	141	29	16	45	7	7	14	27	26	53	18	22	40	-	-	-	19	12	31	636	453
1891-92,	.	.	102	75	177	16	21	37	9	10	19	13	8	21	15	8	23	3	-	3	29	9	38	630	489
Totals,	.	.	2,657	2,562	5,219	615	556	1,171	77	82	159	643	700	1,343	493	486	979	20	15	35	567	476	1,043	-	-

22. — *Classed Average of Patients.*

OFFICIAL YEAR.	State Patients.	Town Patients.	Private Patients.	Totals.
<i>Monthly Average.</i>				
1864-65, . . .	225.10	48.16	69.83	343.25
1865-66, . . .	252.16	50.58	75.58	378.33
<i>Weekly Average.</i>				
1866-67, . . .	261.96	49.46	89.75	401.17
1867-68, . . .	262.65	47.92	103.06	413.63
1868-69, . . .	248.52	54.98	101.46	404.96
1869-70, . . .	236.19	65.04	107.23	408.46
1870-71, . . .	234.10	77.07	118.38	429.55
1871-72, . . .	226.96	89.57	112.27	428.80
1872-73, . . .	248.02	99.23	90.00	437.25
1873-74, . . .	284.48	102.88	82.06	469.42
1874-75, . . .	274.35	128.34	72.46	475.15
1875-76, . . .	259.19	146.02	68.94	474.15
1876-77, . . .	254.84	161.58	60.02	476.44
1877-78, . . .	211.90	175.71	54.75	442.36
1878-79, . . .	200.34	182.29	54.23	436.86
1879-80, . . .	197.03	198.01	54.46	450.50
1880-81, . . .	180.82	214.15	57.19	452.15
1881-82, . . .	166.84	238.25	56.52	461.61
1882-83, . . .	161.62	247.63	57.58	466.83
1883-84, . . .	155.10	251.23	56.06	462.39
1884-85, . . .	154.44	261.58	59.82	475.84
1885-86, . . .	140.23	270.52	63.61	474.36
1886-87, . . .	122.78	289.38	66.00	478.16
1887-88, . . .	112.17	294.01	64.01	470.19
1888-89, . . .	104.67	303.01	61.31	468.99
1889-90, . . .	96.86	311.17	62.07	470.10
<i>Daily Average.</i>				
1890-91, . . .	90.71	297.78	68.51	457.00
1891-92, . . .	85.64	309.42	74.03	469.09

23. — *Monthly Consumption of Gas.*

MONTHS.							Cubic Feet.	Daily Average.
1891.								
October,	.	.	.	.	.	.	54,400	1,754.83
November,	.	.	.	.	.	.	62,000	2,066.66
December,	.	.	.	.	.	.	79,000	2,548.38
1892.								
January,	.	.	.	.	.	.	78,400	2,529.03
February,	.	.	.	.	.	.	60,700	2,093.1
March,	.	.	.	.	.	.	51,700	1,667.74
April,	.	.	.	.	.	.	41,900	1,396.66
May,	.	.	.	.	.	.	34,400	1,109.67
June,	.	.	.	.	.	.	24,000	800.00
July,	.	.	.	.	.	.	22,700	732.26
August,	.	.	.	.	.	.	29,200	941.93
September,	.	.	.	.	.	.	40,300	1,343.33
Totals,	.	.	.	.	.	.	578,700	1,581.14

24. — Supplies for the Several Departments for the Year 1891 — 92.

	Sheets.	Pillow Cases.	Bed Spreads.	Blankets.	Bed Ticks.	Towels.	Curtains.	Wash Bowls.	Ewers.	Chambers.	Mirrors.	Hair Brushes.	Combs.	Carpet Strips.	Plates.	Cups.	Saucers.	Tumblers.	Mugs.	Bowls.	Pitchers.	Knives.	Forks.	Vegetable Dishes.	Sand Soap.	Pillow Ticks.	
Men's Department.																											
Upper 1st Hall,	12	-	-	10	3	12	12	2	3	8	1	2	2	2	-	18	6	24	24	-	12	7	4	4	-	16	
2d Hall,	12	30	-	3	10	6	6	-	-	4	3	2	-	3	18	18	24	18	30	-	12	4	-	-	11	-	
3d and 4th Halls,	54	24	6	6	6	4	4	-	-	15	-	2	3	3	-	18	6	6	6	-	5	-	6	-	7	-	
Middle 1st Hall,	4	30	-	13	1	4	12	-	-	7	-	2	1	4	16	12	12	4	4	-	1	-	-	-	20	-	
2d Hall,	36	24	6	7	7	-	4	-	-	6	-	3	2	-	6	24	6	6	3	-	4	-	-	-	15	-	
3d and 4th Halls,	36	30	-	12	4	-	-	-	-	27	2	1	4	-	6	-	-	-	3	-	-	-	-	-	25	-	
Lower 1st Hall,	24	36	2	12	1	-	-	-	-	5	1	-	-	-	-	36	-	-	-	-	-	-	-	-	2	11	
2d Hall,	62	44	2	12	1	-	-	-	-	22	1	2	4	7	6	24	6	24	-	-	6	2	2	-	-	15	12
3d and 4th Halls,	28	36	2	26	-	-	-	-	-	28	1	2	2	-	16	24	24	24	-	-	-	-	-	-	9	-	
Women's Department.																											
Upper 1st Hall,	24	24	6	6	-	36	12	2	2	-	-	-	-	-	18	12	18	42	-	18	3	3	-	4	4	-	
2d Hall,	-	12	-	1	1	12	7	2	2	6	-	-	18	-	-	12	12	12	24	-	-	6	-	-	2	2	
3d Hall,	36	-	6	12	-	12	6	-	-	-	-	-	12	-	-	12	-	6	6	-	-	4	-	-	3	6	
4th Hall,	36	18	-	6	1	12	6	-	-	-	-	-	11	-	18	24	-	12	-	12	-	-	-	-	5	-	
Middle 1st Hall,	18	12	12	-	-	18	13	1	-	6	-	-	10	1	12	24	48	54	54	-	42	1	-	-	-	6	-
2d Hall,	42	36	12	12	-	24	7	-	-	18	-	-	34	12	12	36	48	12	12	6	42	1	-	-	-	-	
3d Hall,	52	-	1	12	-	24	-	-	-	6	1	-	39	-	-	-	-	6	-	-	-	-	-	-	-	3	-
4th Hall,	36	12	-	-	-	12	-	-	-	3	-	-	14	-	6	6	18	12	6	-	1	-	-	-	1	-	
Lower 1st Hall,	60	36	-	-	-	54	6	-	-	6	-	-	23	-	6	-	18	12	-	12	1	4	-	-	1	-	
2d Hall,	96	48	18	26	6	54	12	-	-	42	-	1	38	8	6	6	18	6	-	18	2	-	-	-	2	-	
3d Hall,	24	12	-	12	-	12	11	-	-	18	1	-	30	-	-	-	30	18	-	-	-	-	-	-	1	-	
4th Hall,	36	28	2	12	-	-	-	1	-	12	-	-	14	3	18	18	30	18	-	36	6	-	-	-	6	-	
Kitchen,	-	-	-	-	-	-	-	-	-	-	-	-	4	-	54	36	18	48	-	24	7	18	12	25	6	-	
Rear,	16	24	1	4	-	36	-	-	-	1	-	-	1	-	132	36	18	48	-	1	3	6	-	-	1	-	
Centre,	12	12	1	-	-	29	4	-	-	-	-	1	-	-	12	30	18	18	1	6	6	-	-	5	10	-	
Aggregates,	756	528	74	174	41	357	122	8	7	240	9	13	266	44	350	348	288	323	37	196	63	63	30	37	163	37	

24. — Supplies for the Several Departments for the Year 1891-92 — Concluded.

	Spoons.	Table Spreads.	Napkins.	Tin Plates.	Tin Cups.	Iron Spoons.	Dish Towels.	Rollers.	Wash Basins.	Brooms.	Soap, Pounds.	Whisks.	Dust Brushes.	Scrub Brushes.	Dust Pans.	Mops.	Pails.	Spittoons.	Blacking.	Shoe Brushes.	Spools Thread.	Papers Needles.	Papers Pins.	Clothes Bags.
<i>Men's Department.</i>																								
Upper 1st Hall, . . .	6	1	12	-	-	-	6	-	-	12	52	4	4	5	-	2	2	2	-	11	1	-	-	1
2d Hall, . . .	30	-	-	-	-	-	12	12	1	16	64	3	3	3	1	5	4	1	7	5	-	3	1	1
3d and 4th Halls, . . .	12	-	-	-	-	-	12	12	-	10	76	4	2	2	-	1	2	-	5	1	4	4	1	1
Middle 1st Hall, . . .	12	-	-	-	-	-	12	6	1	17	60	3	2	3	-	4	2	-	8	6	4	2	1	1
2d Hall, . . .	12	-	-	-	-	-	12	24	-	19	90	3	2	1	-	4	2	-	9	1	4	4	1	1
3d and 4th Halls, . . .	12	-	-	-	-	2	18	24	-	10	98	3	5	3	-	4	2	4	6	1	1	-	-	1
Lower 1st Hall, . . .	-	-	-	-	-	-	6	12	-	10	26	2	2	-	-	-	-	-	4	7	-	1	-	-
2d Hall, . . .	1	-	-	-	-	-	30	24	1	24	48	2	3	3	1	-	2	1	7	5	-	2	-	-
3d and 4th Halls, . . .	12	-	-	-	-	-	24	34	1	32	68	-	1	4	2	7	2	2	3	3	1	-	-	-
<i>Women's Department.</i>																								
Upper 1st Hall, . . .	-	2	24	-	-	-	12	12	-	8	54	1	2	1	1	3	2	-	-	-	-	8	4	1
2d Hall, . . .	-	2	-	-	-	-	-	-	-	30	82	1	1	-	-	-	2	2	-	-	-	16	6	-
3d Hall, . . .	-	-	-	-	-	-	-	-	1	9	60	1	1	-	-	-	1	1	-	-	-	3	10	-
4th Hall, . . .	-	3	-	-	-	-	-	-	-	5	64	1	1	1	-	1	1	-	-	-	-	8	-	-
Middle 1st Hall, . . .	-	2	-	-	-	-	12	-	-	16	78	2	2	-	-	2	2	-	-	-	-	18	4	1
2d Hall, . . .	72	3	-	-	-	36	-	-	-	24	88	-	1	-	-	14	1	-	-	-	-	16	10	-
3d Hall, . . .	-	1	-	-	-	-	-	-	-	11	70	-	1	1	-	9	1	1	-	1	1	18	13	7
4th Hall, . . .	12	1	-	-	-	36	-	-	1	8	72	1	1	-	-	1	2	-	1	-	-	22	6	-
Lower 1st Hall, . . .	12	2	-	-	-	1	-	-	1	13	84	1	3	-	1	3	2	-	-	-	-	16	23	-
2d Hall, . . .	-	3	-	6	-	24	-	-	-	26	80	1	2	1	3	1	12	2	-	-	-	12	11	-
3d Hall, . . .	-	1	-	-	-	-	12	-	1	17	66	-	2	-	1	3	1	-	-	-	-	4	7	-
4th Hall, . . .	-	-	-	-	-	-	12	-	-	8	38	-	1	-	1	3	1	2	-	1	1	12	3	-
Kitchen, . . .	-	2	2	-	-	-	36	18	-	52	59	11	-	-	-	-	12	-	3	-	-	-	25	-
Rear, . . .	-	1	-	-	-	-	-	-	1	77	168	2	6	-	-	5	8	1	-	2	-	-	-	1
Centre, . . .	-	-	-	-	-	-	12	-	-	4	86	2	1	1	3	2	1	-	-	-	-	-	-	1
Aggregates, . . .	181	23	38	24	54	100	204	154	9	463	1,731	43	49	32	20	95	59	12	68	6	192	39	128	12

25. — Days' Work by Patients.

MONTHS.	FARM.	KITCHEN.			SEWING-ROOM.	LAUNDRY.		
	Men.	Men.	Women.	Totals.	Women.	Men.	Women.	Totals.
1891.								
October, .	639	124	187	311	272	27	392	419
November, .	642	120	147	267	218	24	319	343
December, .	691	124	144	268	236	19	392	411
1892.								
January, .	555	124	156	280	234	30	364	394
February, .	553	116	150	266	254	23	364	387
March, .	588	124	179	303	259	25	432	457
April, .	640	120	171	291	291	22	364	386
May, .	607	124	165	289	271	22	370	392
June, .	654	120	148	268	262	26	391	417
July, .	684	124	153	277	250	26	361	387
August, .	643	124	159	283	337	27	380	407
September, .	647	120	161	281	289	24	389	413
Totals, .	7,543	1,464	1,920	3,384	3,173	295	4,518	4,813

26. — List of Articles made in the Sewing-room.

Dresses,	363	Pillow cases,	538
Skirts,	142	Spreads hemmed,	75
Shirts,	206	Table cloths,	22
Waists,	39	Napkins,	72
Night dresses,	20	Hats trimmed,	14
Drawers,	169	Pillow ticks,	16
Chemise,	177	Mattress ticks,	63
Aprons,	176	Feather ticks,	6
Caps,	307	Clothes bags,	10
Suspenders,	86	Ox blankets,	2
Camisoles,	25	Meat cloths,	2
Curtains,	141	Yards carpeting made,	451
Roller towels,	230	Carpet strips hemmed,	110
Dish towels,	411	Articles repaired,	18,018
Sheets,	717		

27. — Upholstery done in the Year.

Hair mattresses made, new materials,	23
Hair mattresses made, new ticks,	54
Hair mattresses made, old materials,	87
Hair pillows made, new materials,	28
Hair pillows made, new ticks,	51
Hair pillows overhauled, hair repicked,	146

28. — *Annual Cost of Gas.*

YEAR.	Cost of Gas.	Average Number of Patients.	Cost per Patient.
1860-61,	\$2,030 39	314.26	\$6 46
1861-62,	2,085 29	313.80	6 64
1862-63,	2,109 02	355.63	5 93
1863-64,	2,069 79	357.63	5 78
1864-65,	1,653 05	342.40	4 82
1865-66,	1,107 98	376.35	2 94
1866-67,	1,056 16	401.03	2 63
1867-68,	1,022 51	413.41	2 47
1868-69,	903 92	405.10	2 23
1869-70,	915 30	408.83	2 23
1870-71,	1,043 99	421.90	2 47
1871-72,	980 94	428.72	2 28
1872-73,	1,006 61	437.23	2 30
1873-74,	1,066 74	469.54	2 27
1874-75,	1,012 63	475.35	2 13
1875-76,	1,089 82	474.21	2 29
1876-77,	1,033 59	476.16	2 17
1877-78,	1,066 02	442.43	2 41
1878-79,	1,033 05	436.73	2 37
1879-80,	954 00	450.51	2 10
1880-81,	949 65	451.79	2 10
1881-82,	919 13	461.66	2 00
1882-83,	992 10	466.76	2 10
1883-84,	1,031 55	463.05	2 23
1884-85,	912 49	475.94	1 92
1885-86,	882 90	474.40	1 86
1886-87,	854 97	478.54	1 97
1887-88,	901 74	470.25	1 91
1888-89,	955 51	469.10	2 04
1889-90,	977 17	470.5	2 07
1890-91,	1,016 50	457.	2 22
1891-92,	1,083 19	469.09	2 31

29. — Trustees of the Northampton Lunatic Hospital.

NAMES.	Residence.	When app'ted.	Service ended.	From What Cause.
Charles E. Forbes,* .	Northampton, . .	1856	1857	Term expired.
Lucien C. Boynton,* .	Uxbridge, . . .	1856	1858	Term expired.
Eliphalet Trask,* .	Springfield, . .	1856	1875	Term expired.
John C. Russell,* .	Great Barrington, .	1856	1859	Resigned.
Horace Lyman, . .	Greenfield, . . .	1856	1857	Removed.
Charles Smith,* . .	Northampton, . .	1857	1860	Resigned.
Luther V. Bell,* . .	Somerville, . . .	1857	1859	Resigned.
Zebina L. Raymond,* .	Greenfield, . . .	1858	1859	Resigned.
Franklin Ripley,* .	Greenfield, . . .	1859	1860	Died in office.
Edward Dickinson,* .	Amherst,	1859	1864	Resigned.
Walter Laflin,* . .	Pittsfield,	1859	1866	Term expired.
Silas M. Smith,* . .	Northampton, . .	1860	1863	Term expired.
Charles Allen, . .	Greenfield,	1860	1861	Resigned.
Alfred R. Field,* . .	Greenfield,	1861	1864	Resigned.
Edward Hitchcock, .	Amherst,	1863	1879	Resigned.
Silas M. Smith,* . .	Northampton, . .	1864	1887	Died in office.
Edmund H. Sawyer,* .	Easthampton, . .	1864	1879	Died in office.
Henry L. Sabin,* . .	Williamstown, . .	1866	1876	Term expired.
Adams C. Deane, . .	Greenfield,	1875	—	Still in office.
Henry W. Taft, . . .	Pittsfield,	1876	—	Still in office.
William M. Gaylord, .	Northampton, . .	1879	1883	Term expired.
Lyman D. James, . .	Williamsburg, . .	1879	—	Still in office.
Christopher Merritt, _	Springfield, . . .	1883	1888	Term expired.
Sarah A. Woodworth, .	Chicopee,	1884	—	Still in office.
Sarah M. Butler, . .	Northampton, . .	1884	—	Still in office.
John L. Otis, . . .	Florence,	1887	1890	Resigned.
N. A. Leonard,* . .	Springfield, . . .	1888	1890	Died in office.
Alvan Barrus, . . .	Goshen,	1890	—	Still in office.
Elisha Morgan, . . .	Springfield, . . .	1890	—	Still in office.

* Deceased.

30. — *Officers and Employees.*

Time employed, Oct. 1, 1892.

NAMES.	Years.	Months.	Days.
Edward B. Nims, M.D., superintendent, . . .	23	9	16
John A. Houston, M.D., assistant physician, . . .	3	—	7
Charles M. Holmes, M.D., assistant physician, . . .	3	2	21
Jane R. Baker, M.D., female physician, . . .	—	1	28
Lewis F. Babbitt, clerk,	—	11	19
John Mercier, farmer,	25	2	—
Danford Morse, engineer,	27	6	9
Robert H. Gallivan, supervisor,	19	5	13
Lucy A. Gilbert, supervisor,	25	7	20
Thomas C. Powers, steward,	18	6	11
Matthew Powers, assistant steward,	1	2	29
George B. Walker, baker,	8	3	22
Minnie A. Smith, seamstress,	4	9	28
Belle Houghton, assistant seamstress,	1	10	8
Emma G. Lamb, laundress,	—	8	—
Inez M. Field, assistant clerk,	2	9	3
Lucie L. Barrett, assistant supervisor,	6	—	12
Emma Smith, assistant laundress,	3	2	20
Mary A. McKenzie, assistant laundress,	1	—	16
Chloe L. Marks, assistant laundress,	—	4	—
Henry W. Estey, attendant,	10	6	7
Martin Sawyer, attendant,	1	—	26
Albertus A. Powers, attendant,	1	—	14
Charles E. Critchett, attendant,	—	10	26
William E. Larabee, attendant,	—	8	15
Martin V. B. Vance, attendant,	—	8	7
Harry F. Sanderson, attendant,	—	7	12
David Lynch, attendant,	—	3	28
Samuel L. Williams, attendant,	—	3	4
John Mariz, attendant,	—	3	4
Charles Smith, attendant,	—	1	9
Stephen Larkin, attendant,	—	1	6
Charles J. Downey, attendant,	—	1	4
Chauncey Cameron, attendant,	—	—	5
Jeanette McLean, attendant,	9	1	3
Mary Sweeney, attendant,	6	9	9
Adeline D. Morgan, attendant,	4	—	12
Ellen C. Potter, attendant,	2	9	25
Lucretia D. Pittsinger, attendant,	2	1	—
Cecile Riel, attendant,	14	8	9
Emma F. Matoon, attendant,	—	5	17
Luella Field, attendant,	—	4	20
Mary W. Imlay, attendant,	—	3	17
Jennie E. O'Brien, attendant,	—	3	29
Mary Cook, attendant,	—	4	—
Lida A. Hodgkins, attendant,	—	2	22
Lovesta Allen, attendant,	—	2	16
Mary A. Dobson, attendant,	—	1	9

30. — *Officers and Employees* — Concluded.

NAMES.	Years.	Months.	Days.
Elizabeth A. Clark, attendant,	—	—	12
Nora Mullane, attendant,	—	—	11
Lizzie Bycraft, attendant,	1	—	1
Stella E. Boutwell, night watch,	2	—	1
Hattie Darling, centre,	5	10	—
Abbie Larabee, centre,	—	8	5
Hattie LeBaron, centre,	2	2	2
Alice A. Hawkes, farmers' dining-room,	4	9	27
Alice A. Miller, cook,	3	5	14
Ella Lacore, assistant cook,	1	3	7
Minnie Reardon, assistant cook,	—	6	1
Mary Donovan, assistant cook,	—	2	22
Nellie O'Leary, assistant cook,	1	3	17
Maria B. Smith, rear,	1	4	19
William C. Hall, assistant engineer,	27	—	20
Nicholas Riel, night engineer,	16	9	25
William Duff, watchman,	2	7	—
Sifroi Belleville, carpenter,	22	5	7
Walter Tower, carpenter,	14	10	—
Alfred Parenteau, painter,	27	1	18
David Mercier, coachman,	15	7	14
Benjamin Rockwell, assistant farmer,	25	4	—
Henry Wilson, assistant farmer,	13	5	8
James Madden, assistant farmer,	17	—	29
Eugene Sullivan, assistant farmer,	17	5	—
George E. Hunter, assistant farmer,	6	5	19
Hermon Miller, assistant farmer,	3	5	14
Eugene L. Hathaway, assistant farmer,	—	5	20
Patrick Eagan, assistant farmer,	—	1	8
Walter T. Stephens, assistant baker,	—	5	12
Alfred Belleville, car-boy,	2	8	2
Augustus Graves, florist,	1	7	22

